

REMARKS

The amendments to page 3, line 23 and page 13, line 7 remove the word “polyethylene.”

The amendment at page 11, line 10 improves readability by removing “of butadiene” after “homopolymerization.”

The amendment at page 14, line 5 replaces the incorrect spelling of “azodicarbanamide” with the correct “azodicarbonamide.”

The amendment at page 16, line 14 improves readability by inserting the phrase “degree of” in front of “crosslinking.”

Support for the amendment at page 21, line 23 is found at page 24, line 18 of the specification.

The amendments to Table 1 correct “M1” with “M2” for “Tensile 50% Stress after Irradiation” as supported at page 20, lines 18-19 and replace “M50 Ratio to before Irradiation” with “M2/M1” as inherently supported in Table 1. For example,  $3.6/3.4 = 1.06$ ;  $4.0/3.4 = 1.18$ ;  $3.5/3.4 = 1.03$ ;  $3.3/3.2 = 1.04$ ;  $3.4/3.4 = 1.0$ ; and  $10.0/3.4 = 2.94$ .

Claims 1-9 are canceled without prejudice.

Claims 10-27 are added.

Support for Claims 10-27 is found in now canceled Claims 1-9, as originally-filed.

Upon entry of the amendment, Claims 10-27 will be active.

No new matter is believed to have been added. An action on the merits and allowance of the claims is requested.

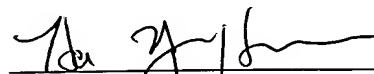
Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.  
Norman F. Oblon

Customer Number

22850

Tel: (703) 413-3000  
Fax: (703) 413 -2220  
(OSMMN 06/04)

  
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Yung-Hoon Ha  
Registration No. 56,368